



Inventor Name: Etsuo Koike, et al.
 Application No.: 10/641,099
 Filed: August 1, 2003
 Group Art Unit: 3765
 Reference No.: Q76776
 (202) 663-7909
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FIG. 1

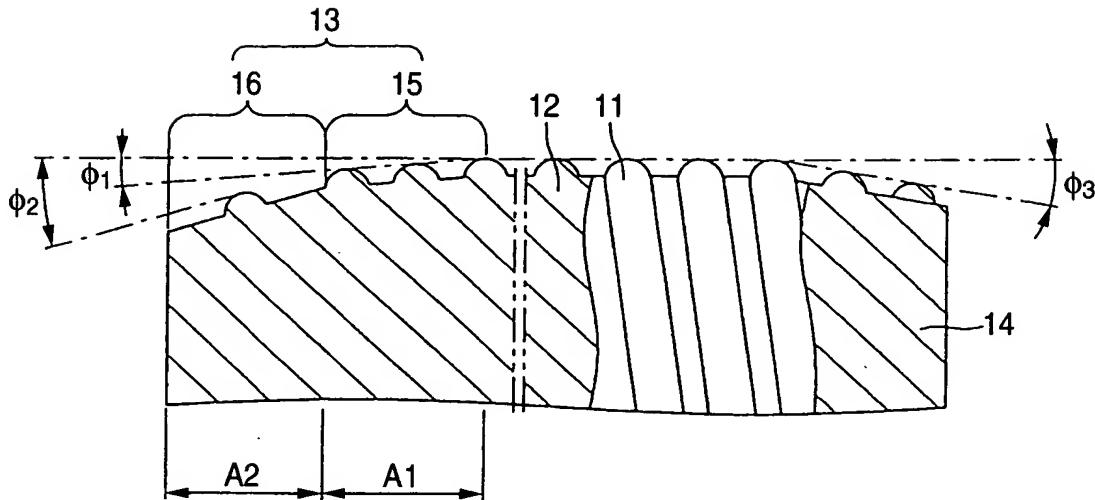


FIG. 2

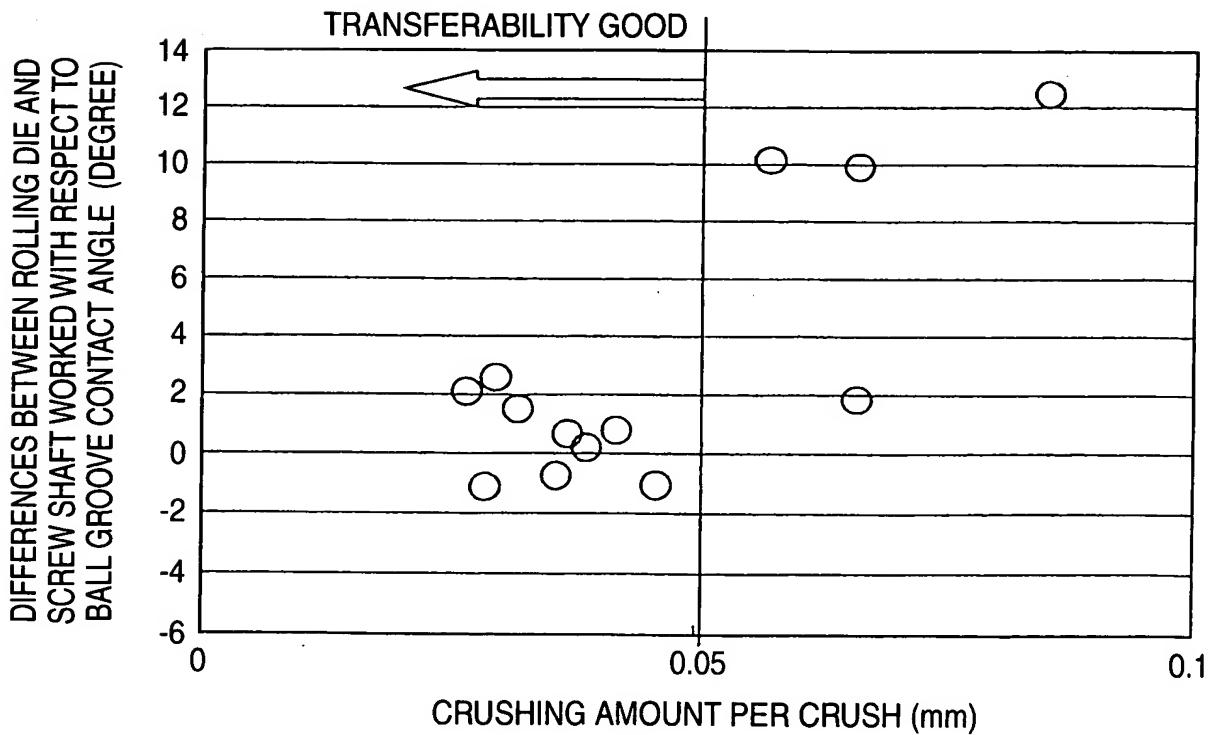


FIG. 3

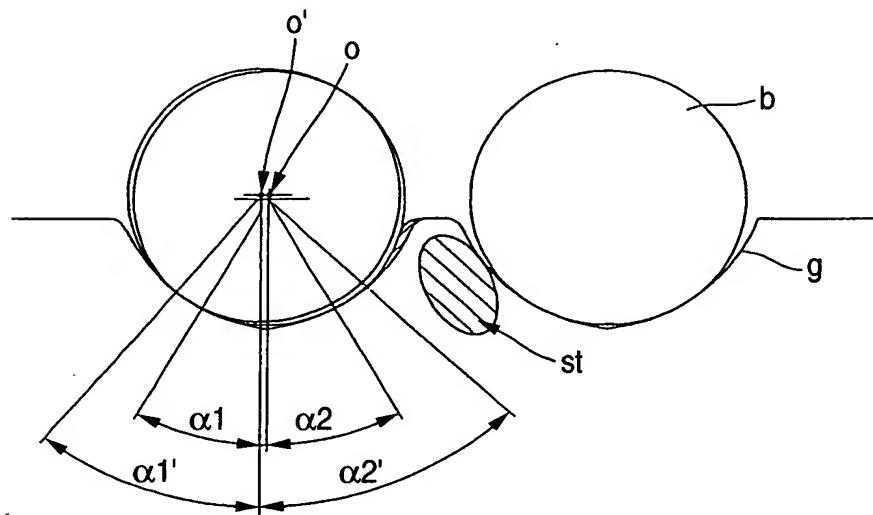


FIG. 4

	PRESENT INVENTION	RELATED ART
UNIT PRESSURE OR LOWER	0.010	0.085
CONTACT ANGLE DIFFERENCE BETWEEN ROLLING DIE AND SCREW SHAFT	3.5DEG	9DEG

FIG. 5

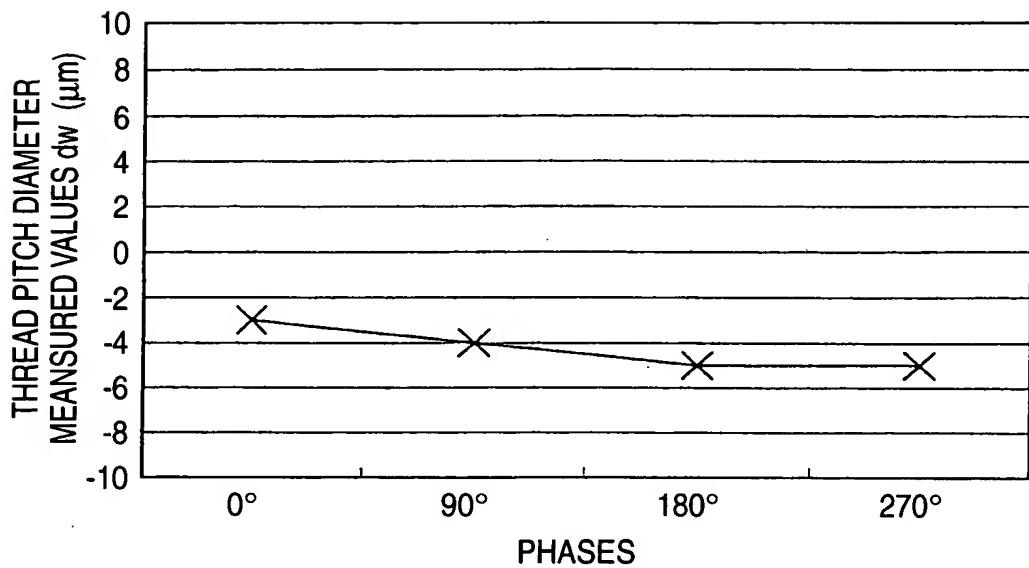


FIG. 6

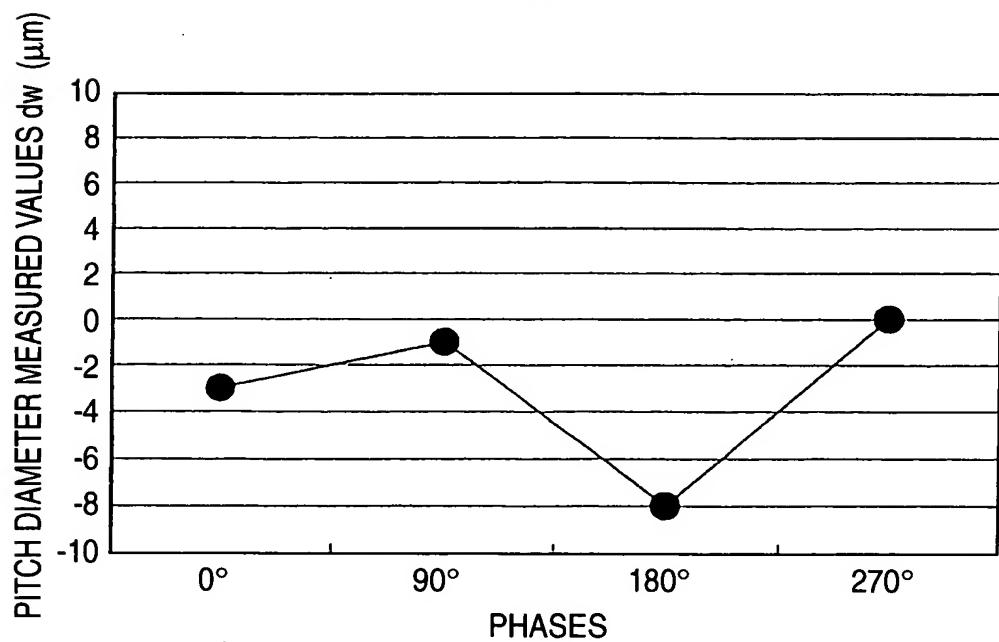


FIG. 7

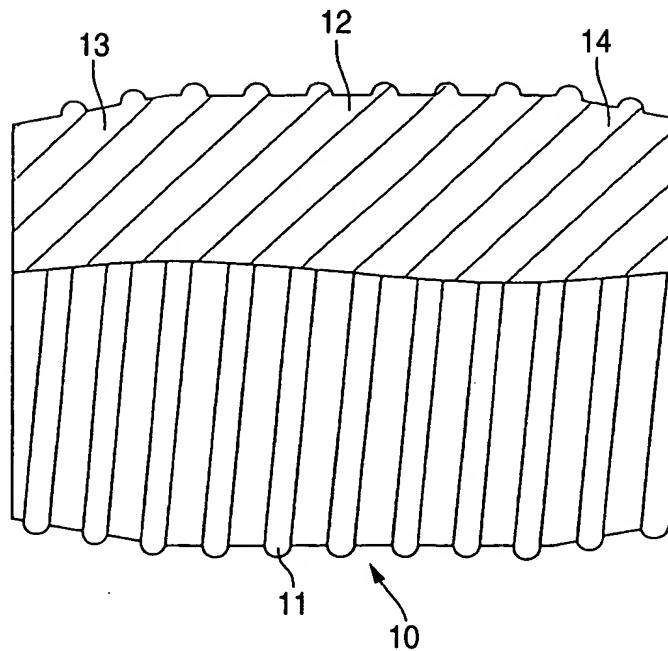
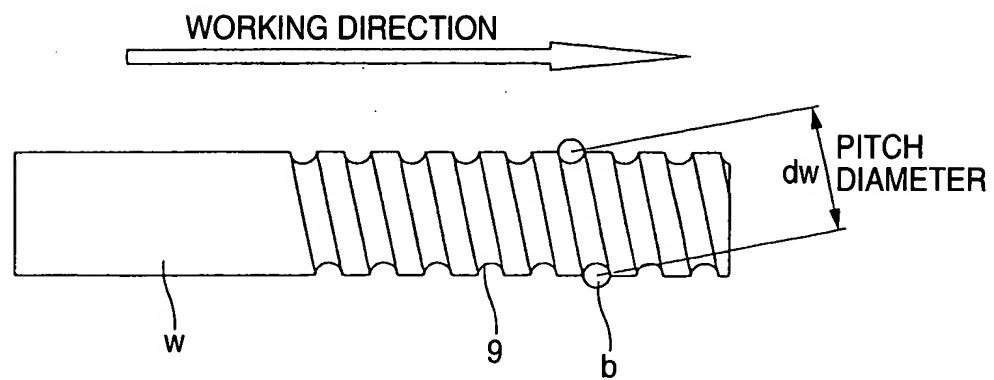


FIG. 8



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FIG. 9

